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Amendment and Response

**IN THE UNITED STATES PATENT  
AND TRADEMARK OFFICE**

**5 Patent Application**

**Inventors:** Emin Martinian  
and Carl-Erik W. Sundberg

**Examiner:** Tu, Christine Trinh Le

**Serial No.:** 09/996,661

**Group Art Unit:** 2133

**10 Docket No.:** Agere Systems Inc. Martinian 2-54

**Filed:** November 29, 2001

**Entitled:** Apparatus and Method For Adaptive, Multimode Decoding

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**20** June 10, 2005

**AMENDMENT AND RESPONSE UNDER 37 CFR 1.111 AND 1.115**

**25** Honorable Commissioner of  
Patents and Trademarks  
Alexandria, VA 22313-1450

**30** Sir:

In response to the Office Action mailed March 11, 2005, Applicants  
hereby respectfully submit the following Amendment and Response:

**35** **Amendments to the Claims** are reflected in the listing of claims which begins on page 2  
of this paper.

**Remarks** begin on page 9 of this paper.

In the event that any fees may be due, the Commissioner is hereby  
authorized to charge or credit any fees to Deposit Account 501,262 of Gamburd.